



Submittal Form

Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	

Approval:	
Date:	
Construction:	
Unit #:	
Drawing #:	

MODEL #	
INDOOR:	MEHSU-48CSD2
OUTDOOR:	MCHSU-48CSH2



ELECTRICAL

Power supply	Ph-V-Hz	1-208/230-60
Minimum Circuit Ampacity	A	35
Maximum Fuse Size	A	50

COOLING

Capacity	Btu/h	48000(12000-54000)
Input	W	NA
Rated current	A	NA
EER	Btu/w	8.9
SEER	Btu/w	17.4

HEATING

Capacity	Btu/h	49500(15000-57000)
Input	W	NA
Rated current	A	NA
COP	A	3.6
HSPF	W/W	10.3
Low temperature heating capacity (5f)	Btu/h	16000

COMPRESSOR

Model		ATQ420DIUMU
Type		ROTARY
Brand		GMCC
Input	W	3420
Rated Current (RLA)	A	23.5
Refrigerant Oil/Charge	ml	Ester Oil VG74/1400

SYSTEM DATA

Design pressure	MPa	550/340 PSIG
Refrigerant	oz	R410A/148.2
Refrigerant precharge	ft	25
Additional charge per ft.	oz	0.161
Liquid	mm(in)	9.52(3/8")
Gas	mm(in)	15.9(5/8")
Max. refrigerant pipe length	ft.	213
Max difference in level	ft.	98

INDOOR UNIT DATA

Indoor fan		MEHSU-48CSD2
Model		ZKFN-240-8-1
Brand		WELLING
Input	W	240
RLA	A	1.8
Speed(Hi/Mi/Lo)	r/min	1090/950/850
Indoor air flow (Hi/Mi/Lo)	CFM	1470/1180/940
Indoor noise level (Hi/Mi/Lo)	dB(A)	52/49/46

INDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	47.24X34.06X11.8
Packaging (WxDxH)	inch	54.53X36.22X14.69
Net/Gross weight	lbs.	99.21/116.84

OUTDOOR UNIT DATA

Outdoor fan		MCHSU-48CSH2
Model		ZKFN-85-8-22
Brand		WELLING
Input	W	85
RLA	A	0.39
Speed	r/min	900
Outdoor air flow	CFM	4470
Outdoor noise level	dB(A)	62.5

OUTDOOR UNIT DIMENSIONS

Dimension(WxDxH)	inch	37.48X16.34X52.48
Packaging (WxDxH)	inch	43.11X19.49X58.27
Net/Gross weight	lbs.	217.40/246

OPERATION TEMPERATURE

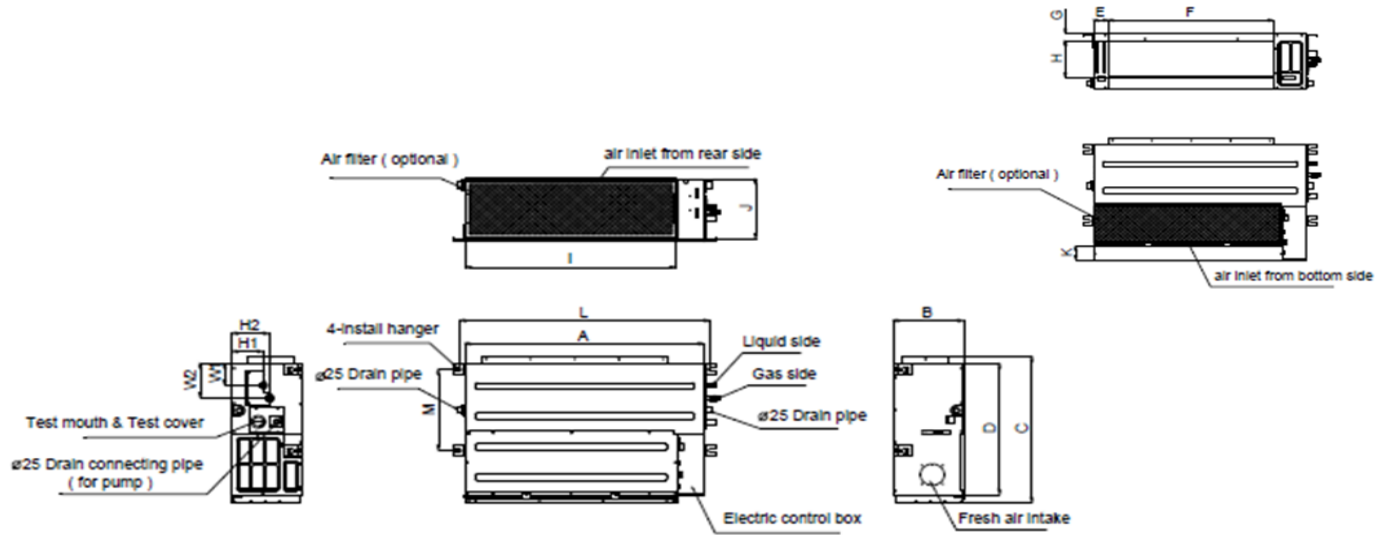
Indoor(cooling/ heating)	Deg. F	62-90/32-86
Outdoor(cooling/heating)	Deg. F	5-122/5-86

ACCESSORIES

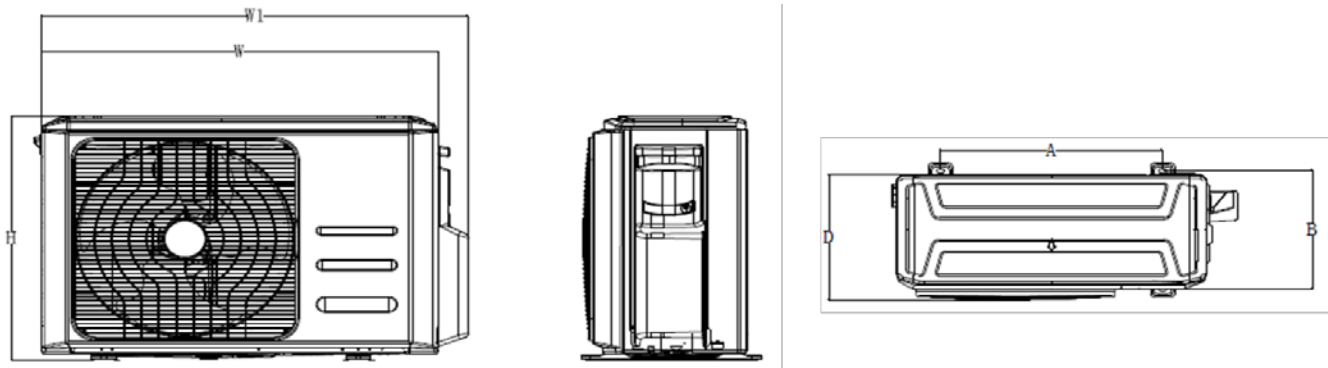
Electronic Panel (Wireless Eye)	Model#	A0029
Front Board	Model#	A0010
Installation Kit	Model#	Installation Kit 3

Midea America Corp.

5 Sylvan Way, Parsippany, NJ 07054
P: (973) 539-5330 - F: (973) 539-5336
www.midea.com/us



Dimensions	Outline Dimension				Air Outlet Opening Size				Air Return Opening Size		
	A	B	C	D	E	F	G	H	I	J	K
Inches	47 1/4	11 4/5	34	31 1/2	3 1/8	38 1/8	1 1/2	8	43 1/8	11 2/5	1 3/4



Dimensions	Width	Width 1	Depth	Height	A	B
Inches	37 1/2	40 5/8	16 3/8	52 1/2	26 1/2	15 7/8

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